

COMPACT WASTEWATER CLEANING APPARATUS

FIELD OF INVENTION

5 This application relates to apparatus for the treatment of wastewater resulting from cleaning of, for example, buildings, vehicles and machinery by reducing the volume of wastewater required for disposal by an efficient water evaporation.

PRIOR APPLICATIONS

10 This application is based on and claims the benefit of the filing dates of co-pending U.S. Provisional Patent Applications Ser. No. 60/147,736, filed August 6, 1999, and Ser. No. 60/159,664, filed October 15, 1999, both entitled Compact Wastewater Cleaning Apparatus ("the co-pending provisional applications"), the entire disclosures of which are incorporated by reference into this application.

BACKGROUND OF INVENTION

15 *vm 12/04* As explained in my U.S. Patent No. 5,582,680, and in my *U.S. Patent No. 6,200,428,* ~~co-pending patent application~~
vm 12/04 Ser. No. 09/052,385, filed March 31, 1998, the entire disclosures of which are incorporated by reference into this application, good manufacturing processes, concern for the environment, and changes in environmental practices and regulations all have created additional needs in handling waste fluids after manufacturing and cleaning operations, especially in disposing of water based mixtures containing pollutants such as greases, oils, soaps, heavy metals, road film and carcinogens. Whereas in the past it was acceptable merely to dump such waste liquids in the ground or in sewer systems, current good practices and environmental laws and regulations now severely discourage and/or prohibit such practices. Although very laudable in intent, the result can be very costly, especially to businesses who must use substantial quantities of water in their operations, as for example to clean buildings, vehicles and other machines, which will result in wastewater containing greases, oils, minute metallic and other particles, and detergents. Each of

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